



1263489 - R8 SDMS

**TABLE 1**  
**ORAL CANCER SLOPE FACTORS AND**  
**REFERENCE DOSES FOR PAH COMPOUNDS**

	Oral Cancer Slope Factor <sup>+</sup> (mg/Kg/day) <sup>-1</sup>	Chronic RfD* (mg/Kg/day)
<b>NONCARCINOGENS</b>		
Naphthalene		0.004
Acenaphthylene		0.06**
Acenaphthene		0.06
Fluorene		0.04
Phenanthrene		0.03***
Anthracene		0.3
Fluoranthene		0.04
Pyrene		0.03
<b>CARCINOGENS</b>		
Benzo(a)anthracene	0.1541	
Chrysene	0.0138	
Benzo(b)fluoranthene	0.92	
Benzo(k)fluoranthene	0.0506	
Benzo(a)pyrene	11.5	
Dibenzo(a,h)anthracene	7.935	
Benzo(g,h,i)perylene	NA	
Indeno(1,2,3-cd)pyrene	0.19665	
NOTES: * From: EPA, 1990, Health Effects Assessment Summary Tables. Fourth quarter OSWER (OS-230) ** No published RfD. RfD is taken to be the same as that of Acenaphthene, a compound of similar chemical characteristics. *** No published RfD. RfD is taken to be equal to the lowest listed RfD for 3- and 4-ring PAHs. + From: EPA, 1990, Draft Interim Policy for Estimating Carcinogenic Risks Associated with exposures to Polycyclic Aromatic Hydrocarbons OSWER Directive 9285.4-2		



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